

**INCREASING WEB PAGE BROWSING EFFICIENCY BY  
PERIODICALLY PHYSICALLY DISTRIBUTING MEMORY MEDIA ON  
WHICH WEB PAGE DATA ARE CACHED**

**Abstract of the Disclosure**

5        Data for selected web sites likely to be accessed are stored on memory  
media (compact disks) that are physically transported to subscribers for use when  
browsing the Internet. New copies of the memory media with the data for the  
selected web sites are periodically produced and distributed to the subscribers. In  
10        addition, if the data cached on the memory media are stored on a local hard drive  
of the subscriber, the content of the cache can be updated by a local proxy  
program during the subscriber's connection to the network when the connection is  
not otherwise in use. The local proxy program is installed on the subscriber's  
computer from the distributed memory media. A data center provides Intelligent  
Prefetching and implements a validation service to determine if the cached data  
15        items are current. If not, the current data are loaded into the browser program  
through the Internet connection.